We claim:

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- 1. A two component developer for use in electrographic printing comprising substantially spherical toner particles and substantially spherical magnetic carrier particles, the toner particles having a radius R_T and the carrier particles having a radius R_C , wherein R_C is between about $1.5R_T$ and about $10R_T$.
- 2. The developer of claim 1, wherein R_C is between about $2R_T$ and about $5R_T$.
- 3. A two-component developer for use in electrographic printing comprising substantially spherical toner particles and substantially spherical magnetic carrier particles, the carrier particles having a dielectric constant ϵ_c of at least about 6, the toner particles having a radius R_T and the carrier particles having a radius R_C , wherein R_C is between about $1.5R_T$ and about $10R_T$.
- 4. The developer of claim 3, wherein R_C is between about $2R_T$ and about $5R_T$.
- 5. The developer of claim 3, wherein the carrier particles have a dielectric constant ϵ_c greater than about 10.
- 6. The developer of claim 5, wherein R_C is between about $2R_T$ and about $5R_T$.
- 7. The developer of claim 3, wherein the carrier particles have a dielectric constant ϵ_c greater than about 100.
- 8. The developer of claim 7, wherein R_C is between about $2R_T$ to about $5R_T$.
- 9. The developer of claim 3, wherein the carrier particles have a dielectric constant ϵ_c greater than about 298.
- 10. The developer of claim 9, wherein R_C is between about $2R_T$ to about $5R_T$.
- 11. A method for producing electrographic images comprising the steps of:
 - (a) providing an electrographic printer comprising an imaging member, a toning shell located adjacent the imaging member and defining an external electric field of image development therebetween, and a two-component developer, comprising substantially spherical toner particles and substantially spherical magnetic carrier particles, the toner particles having a radius R_T and the carrier particles having a radius R_C, wherein R_C is between about 1.5R_T and about 10R_T; and
 - (b) causing developer to move through the external electric field, interacting with an electrostatic image carried on the imaging member.

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- 12. The method of claim 11, wherein R_C is between about 2R_T and about 5R_T.
- 13. The method of claim 11, wherein the carrier particles have a dielectric constant ϵ_c greater than about 10.
- 14. The method of claim 13, wherein R_C is between about 2R_T and about 5R_T.
- 15. The method of claim 11, wherein the carrier particles have a dielectric constant ϵ_c greater than about 100.
 - 16. The method of claim 15, wherein R_C is between about $2R_T$ to about $5R_T$.
 - 17. The method of claim 11, wherein the carrier particles have a dielectric constant ϵ_c greater than about 298.
- 18. The method of claim 17, wherein R_C is between about $2R_T$ to about $5R_T$.
 - 19. The method of claim 11, wherein the external electric field of image development is less than the electric field produced by a uniformly-charged toner particle of charge q and radius R_T.
 - 20. The developer of claim 1, the carrier particles having a size distribution according to the Schulz distribution with z greater than about 6.
 - 21. The developer of claim 1, the carrier particles having a size distribution according to the Schulz distribution with z greater than about 10.
 - 22. The developer of claim 1, the carrier particles having a size distribution according to the Schulz distribution with z greater than about 50.
 - 23. The developer of claim 1, the carrier particles having a size distribution according to the Schulz distribution with z greater than about 100.
 - 24. The developer of claim 1, the toner particles having a size distribution according to the Schulz distribution with z greater than about 20.
 - 25. The developer of claim 1, the toner particles having a size distribution according to the Schulz distribution with z greater than about 30.
 - 26. The developer of claim 1, the toner particles having a size distribution according to the Schulz distribution with z greater than about 50.
 - 27. The developer of claim 1, the toner particles having a size distribution according to the Schulz distribution with z greater than about 100.